

Patent Assignment Abstract of Title

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Title: Gene delivery vehicle expressing the apoptosis-inducing proteins VP2 and/or apoptin

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Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

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Listing of Claims:

1. (Currently amended) A recombinant gene delivery vehicle comprising a nucleic acid molecule encoding a chicken anemia virus protein VP3.

2. (Currently amended) ~~The~~ A recombinant gene delivery vehicle ~~according to claim 1~~ additionally comprising a nucleic acid molecule encoding a chicken anemia virus protein VP3, having a modified translation initiation site directly upstream of the ATG-initiation codon of said nucleic acid molecule, wherein said translation initiation site comprises the nucleic acid sequence GCCAAC.

3. (Canceled)

4. (Currently amended) A recombinant gene delivery vehicle comprising a nucleic acid molecule encoding a chicken anemia virus protein VP2.

E! 5. (Currently amended) ~~The~~ A recombinant gene delivery vehicle ~~according to claim 4~~ additionally comprising a nucleic acid molecule encoding a chicken anemia virus protein VP2, having a modified translation initiation site directly upstream of the ATG-initiation codon of said nucleic acid molecule, wherein said translation initiation site comprises the nucleic acid sequence GCCAAC.

6. (Previously amended) The gene delivery vehicle according to claim 1 additionally comprising a nucleic acid molecule encoding chicken anemia virus protein VP2.

7. (Currently amended) The gene delivery vehicle according to claim 6 2 additionally comprising a nucleic acid molecule encoding chicken anemia virus protein VP2, having a modified translation initiation site directly upstream the ATG-initiation codon of the nucleic acid molecule encoding chicken anemia virus protein VP2, wherein said translation initiation site comprises the nucleic acid sequence GCCAAC.

8. (Previously amended) The gene delivery vehicle according to claim 1 which is a viral vector.

9. (Previously amended) The gene delivery vehicle according to claim 8 wherein said viral vector is replication defective.

10. (Previously amended) The gene delivery vehicle according to claim 9 wherein said viral vector is an adenoviral vector.

11. (Previously amended) The gene delivery vehicle according to claim 9 wherein said viral vector is a retroviral vector.

12. (Previously amended) The gene delivery vehicle according to claim 6 which additionally comprises at least one target molecule.

13. (Previously amended) The gene delivery vehicle according to claim 12 wherein the target molecule is reactive with a tumor cell surface receptor.

14. (Previously amended) A host cell comprising the gene delivery vehicle according to claim 13.

15. (Previously amended) The host cell according to claim 14 which is a helper or packaging cell.

16. (Previously amended) The host cell according to claim 14 which is selected from the group of HEK 293, HER 911, PER-C6, Psi-2, and PA-317 cells.

17-21. (Canceled)

22. (Currently amended) A method for inducing apoptosis in a mammalian tumor by directly administering to the tumor the gene delivery vehicle of claim 1 to a mammal.

23-24. (Canceled)

25. (Currently amended) A method for inducing apoptosis in a mammalian tumor by directly administering to the tumor the gene delivery vehicle of claim 6 to a mammal.

26-27. (Canceled)